

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/001401

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> Int. Cl. <sup>7</sup> : F42D 3/04, 1/08; E21C 41/28 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched AU: IPC F42D3/04, 1/08; E21C 41/26, 41/28 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI: IPC E21C, F42D with keywords such as multiple, layer and similar terms.		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	AU 199919543 (709808) B (THIESS CONTRACTORS PTY LTD) 9 September 1999	
A	SU 976751 A (GLATOLENKOV) 30 January 1984	
A	US 6520591 B (JUN et al) 18 February 2003	
A	AU 200053560 A (BLAST DESIGN INTERNATIONAL, INC.) 15 March 2001	
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 23 November 2004		Date of mailing of the international search report 29 NOV 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer JEFFREY CARL Telephone No : (02) 6283 2543

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
AU	199919543	NONE					
SU	976751	NONE					
US	6520591	AU	92856/98	CA	2331181	EP	1162345
		WO	1999/058817	ZA	9903230		
AU	200053560	NONE					